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AB Coffee as a rule develops stimulating effects on the central nervous system, heart and circulation which are mainly caused by caffeine. In certain cases coffee may also have a sedative effect and sometimes even it is useful to fall asleep quickly. Furthermore coffee may be advantageous in the treatment of some functional disorders caused by lacking of dopamine, because coffee is able to increase the dopamine formation in brain. Concerning the effects of coffee in the gastrointestinal-tract and liver-bile system caffeine is only of secondary importance. Hereby certain roasting substances, possibly also chlorogenic acid or caffeic acid should be responsible for the stimulating effects observed in these organs. These stimulating effects could be caused whether directly or indirect e.g. by liberating gastrin or other gastrointestinal hormones. Vitamin niacin, which is formed in greater amounts from trigonelline during the roasting process, may also be important from the nutritional standpoint. Therefore coffee may be prescribed as a true drug in cases of deficiency in vitamin niacin or also in the pellagra disease. By extensive epidemiological studies performed lately it could be demonstrated that there exists no correlation between coffee consumption and certain risk factors as hypertension, heart infarction, diabetes, gout or cancer diseases. Furthermore there was no evidence that coffee or its caffeine content are able to induce genetic alterations or even malformations.

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(FILE 'HOME' ENTERED AT 11:03:01 ON 06 NOV 2008)

FILE 'REGISTRY' ENTERED AT 11:08:21 ON 06 NOV 2008

L1 1 S CAFFEIC ACID/CN
L2 1 S FERULIC ACID/CN
L3 1 S CHLOROGENIC ACID/CN

FILE 'CAPLUS' ENTERED AT 11:09:15 ON 06 NOV 2008

L4 18513 S L1 OR L2 OR L3
L5 100040 S HYPERTENSION
L6 81 S L4 AND L5
L7 11 S L6 AND PY<=2000
L8 21844 S CAFFEIC OR FERULIC OR CHLOROGENIC

FILE 'BIOSIS' ENTERED AT 11:14:40 ON 06 NOV 2008

L9 22 S L8 AND L5
L10 3 S L9 AND PY<=2000

FILE 'MEDLINE' ENTERED AT 11:15:59 ON 06 NOV 2008

L11 4505 S CAFFEIC OR FERULIC OR CHLOROGENIC
L12 26 S L11 AND HYPERTENSION
L13 6 S L12 AND PY<=2000